

DIRECTORATE OF
INTELLIGENCE

Industrial Facilities
(Non-Military)

Basic Imagery Interpretation Brief

Lan-chou Thermal Power Plant (Hsi-ku)

Lan-chou, China



25X1A

*Handle via Talent - Keyhole
Channels Only*

Top Secret

DECLASS REVIEW by NIMA/DOD

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TITLE NPIC

SEC. CLASS. LOCATION

TCS-9817/68

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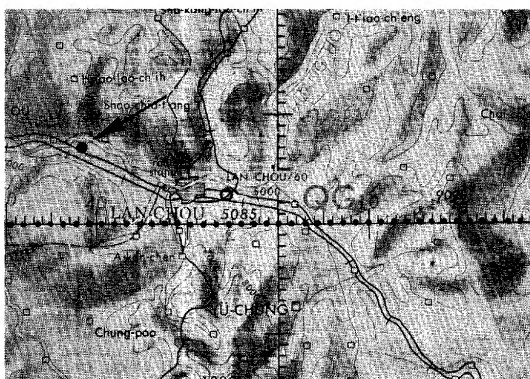
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INSTALLATION OR ACTIVITY NAME			COUNTRY	
Lan-chou Thermal Power Plant (Hsi-ku)			CH 25X1A	
UTM COORDINATES	GEOGRAPHIC COORDINATES		COMIREX NO.	WAC-PIC NO.
48SUQ756997	36-07-44N 103-37-09E		None	0383-3L
MAP REFERENCE				
15 RTS. USATC Series 200, Sheet 0383-22HL, 2nd edition, May 64, Scale 1:200,000 (SECRET/CONTROLLED DISSEM)				
LATEST IMAGERY USED		NEGATION DATE (If required)		
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INTRODUCTION

The Lan-chou Thermal Power Plant (Hsi-ku) is located 8 nautical miles north- 25X1A
west of the center of the city of Lan-chou, between the Lan-chou Petroleum
Refinery 25X1A and the Lan-chou Chemical Fertilizer Plant 25X1A



BASIC DESCRIPTION

The rail-served, coal-operated power plant is secured within an irregular 25X1D
walled area consisting of approximately 93 acres. The power plant has two boiler-
houses with a total of nine double boiler units, fly ash precipitators, and its
own water treatment facility. The generator hall has at least six generators and
the switching yard is covered. The plant was in operation on all missions between
25X1D as evidenced by smoke emanating from the stacks.

Construction which was started prior to 25X1D on the smaller boilerhouse 25X1D
and one of the forced-draft cooling towers was completed by 25X1D



Key to Annotations

<u>Item No.</u>	<u>Description</u>	<u>Measurements (ft)</u>	<u>Remarks</u>
1	Coal Storage and Handling Facilities	-	
2	Forced-Draft Cooling Towers (2)	225 x 60 (each)	Each with 14 Fans
3	Switching Yard with Two Covered Switching Buildings	540 x 45 and 270 x 35	6 Transformers
4	Control House	350 x 45	
5	Generator Hall	1,150 x 90	At Least 6 Generators
6	Boilerhouses (2)	455 x 95	5 Boilers
		330 x 90	4 Boilers
7	Water Treatment	660 x 75	

25X1D

REFERENCES



Maps

15 RTS. US Air Target Chart Series 200, Sheet 0383-22HL, 2nd edition, May 64, Scale 1:200,000 (SECRET/CONTROLLED DISSEM)

ACIC. USAF Operational Navigation Chart, Sheet G-9, 1st edition, Nov 60, Scale 1:1,000,000 (UNCLASSIFIED)

Documents

CIA/IAD. PIR 75010, Chinese Power Plants, Kansu Province, July 1966,
TCS 3801/66 (TOP SECRET RUFF)

Requirement

EXSUBCOM - BR-N/002-69

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